

Fig. 1

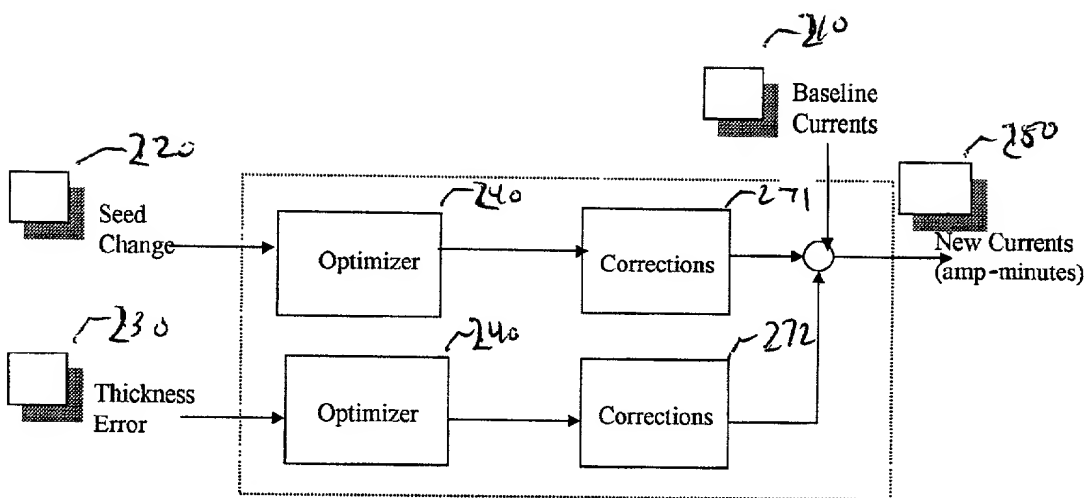


FIG 2

FIGURE 5

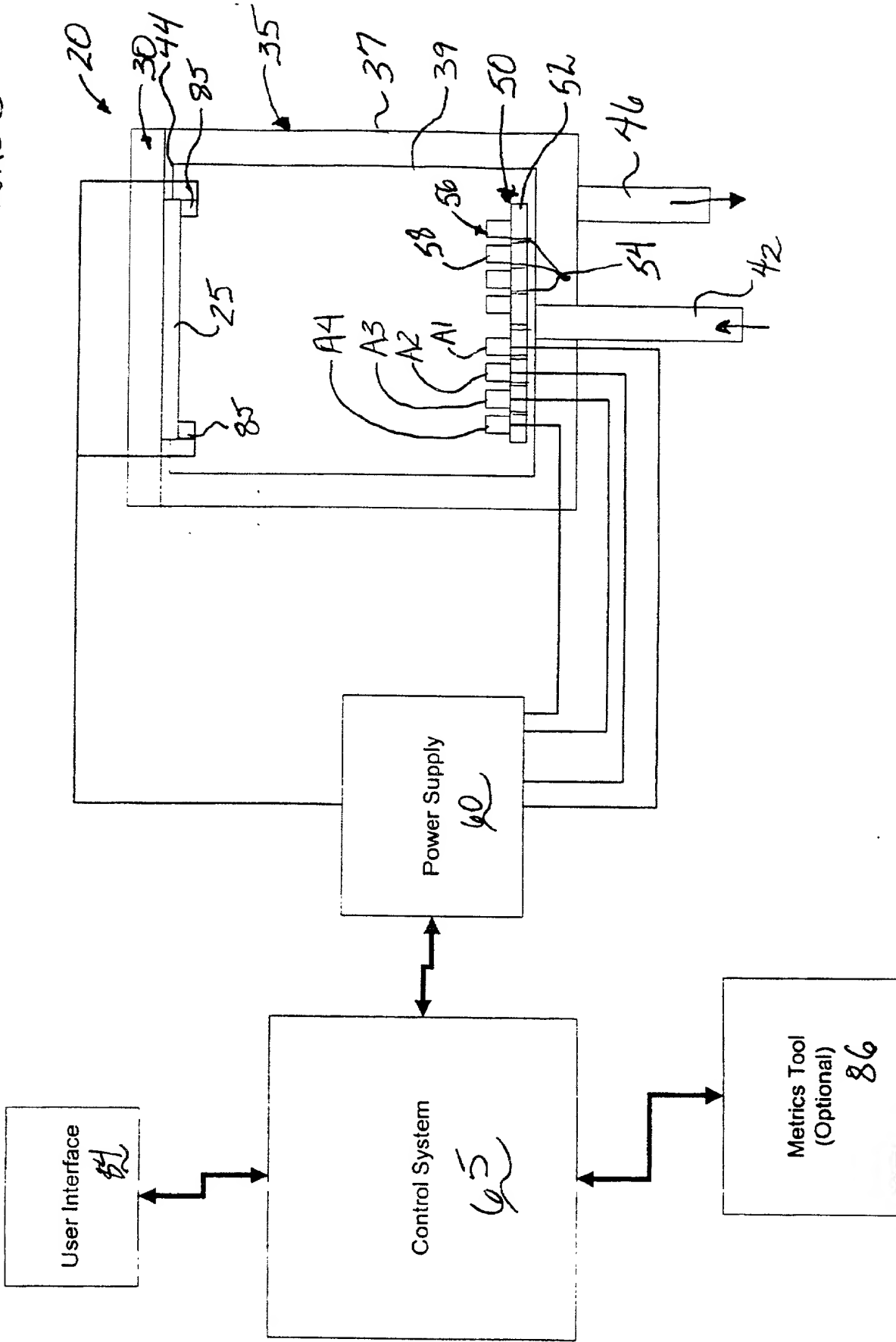
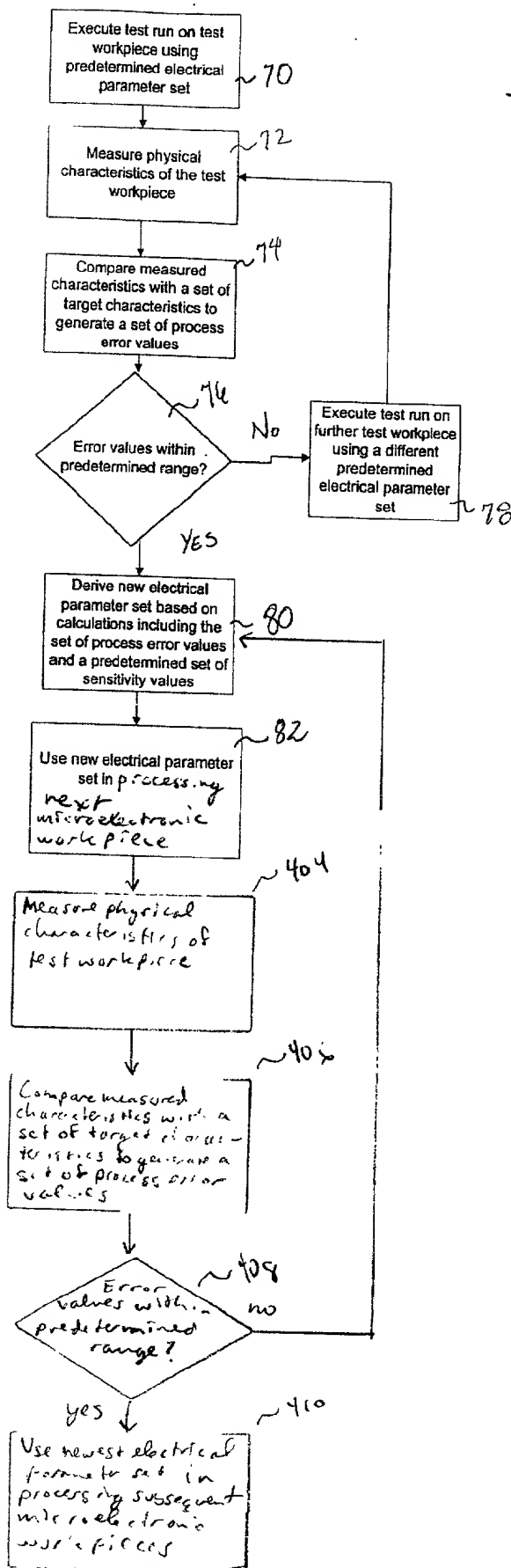


FIGURE 4



104050" 50507250

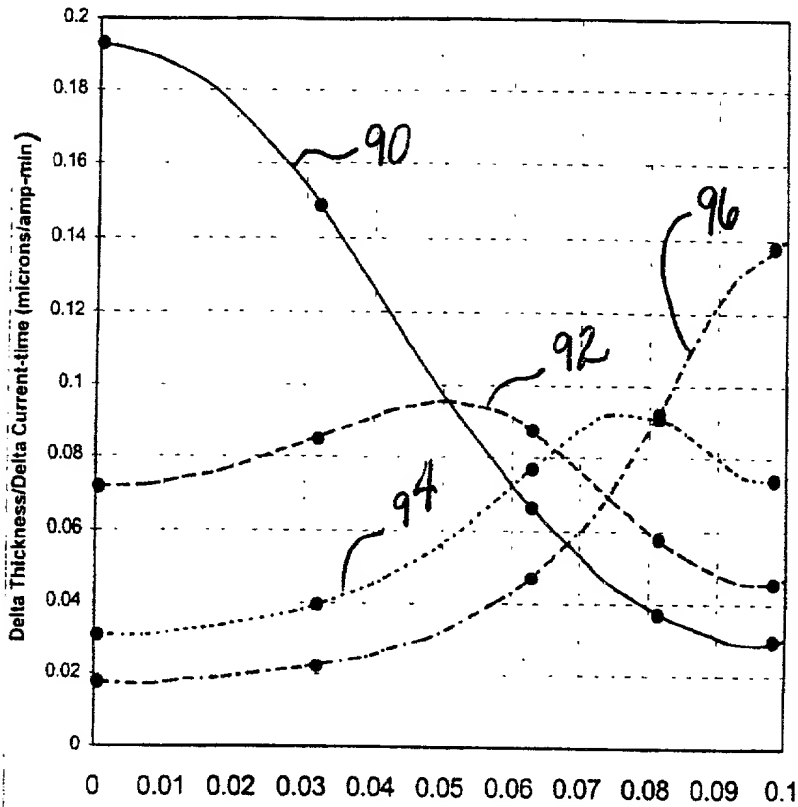


FIGURE 5

- AM+ $\epsilon_1$  (current=0.96/1.34/1.41/0.84)
- - - AM+ $\epsilon_2$  (current=0.91/1.39/1.41/0.84)
- ... AM+ $\epsilon_3$  (current=0.91/1.34/1.46/0.84)
- . - AM+ $\epsilon_4$  (current=0.91/1.34/1.41/0.89)
- Location of Jacobian Terms in Eq. A5

Radial Position (m)

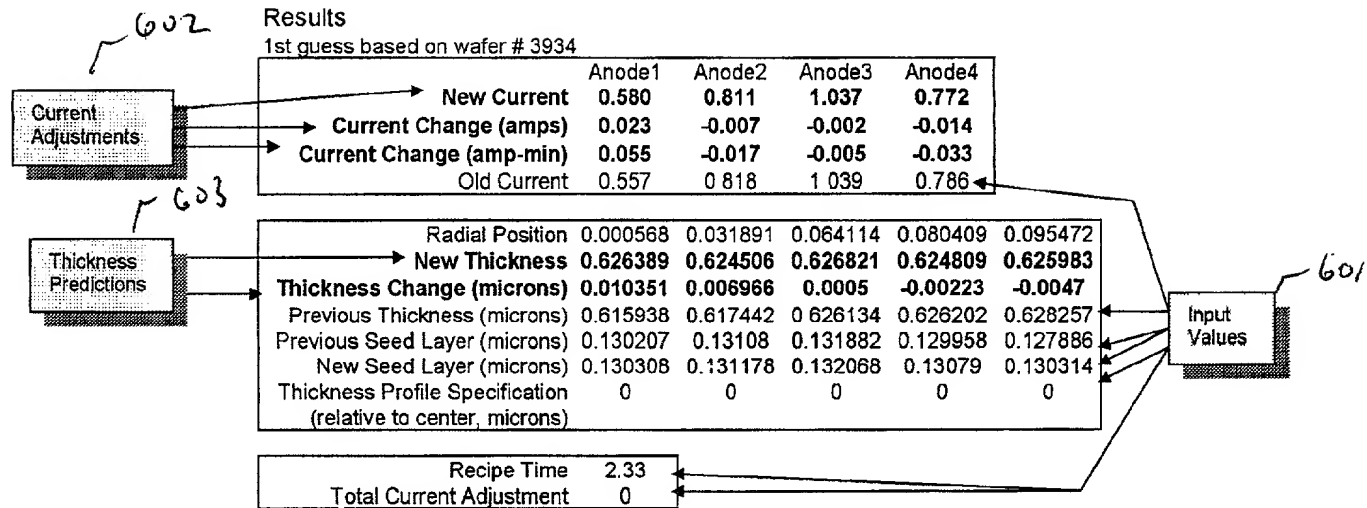


FIG 6

702 Results  
2nd guess based on wafer #4004

current  
adjustment

	Anode1	Anode2	Anode3	Anode4
New Current	0.578	0.831	1.008	0.783
Current Change (amps)	-0.002	0.020	-0.029	0.011
Current Change (amp-min)	-0.005	0.046	-0.068	0.027
Old Current	0.580	0.811	1.037	0.772

thickness  
prediction

	Radial Position	0.000568	0.031891	0.064114	0.080409	0.095472
New Thickness	0.623077	0.621834	0.623362	0.622034	0.622809	
Thickness Change (microns)	0.001166	0.001714	-0.00068	-0.00199	0.00082	
Previous Thickness (microns)	0.624351	0.621553	0.622704	0.62076	0.618746	
Previous Seed Layer (microns)	0.130308	0.131178	0.132068	0.13079	0.130314	
New Seed Layer (microns)	0.127869	0.129744	0.133403	0.134055	0.133556	
Thickness Profile Specification (relative to center, microns)	0	0	0	0	0	

input  
values

Recipe Time	2.33
Total Current Adjustment	0

FIG 7